WORKING BUDGET DATABASE 110

RULE ARRAY 140

REFERENCE BUDGET DATABASE 120

RULE MANAGER 130

BUDGET CONTROL SYSTEM 100

FMS 150

T

FIG. 1

ADDRESS 210

	WORKING BUDGET ADDRESS 212	REFERENCE BUDGET ADDRESS 214	TEST 220	RESPONSE 230
A	[A, A1, A2]	[A]	WB<1.2*RB WB>0.8*RB	Error
B	[B]	[B]	WB<1.2*RB WB>0.8*RB	Error
C	[C, C1, C2, C3, C4, C5]	[C]	WB<1.2*RB WB>0.8*RB	Error

FIG. 2
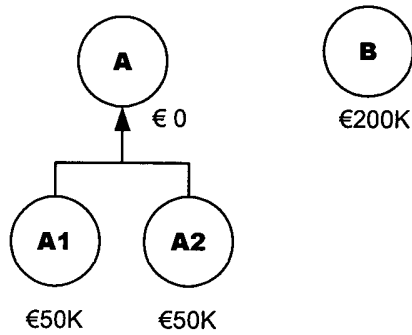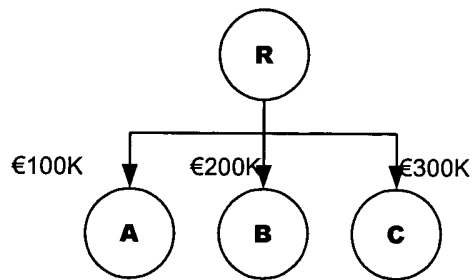
200

FIG. 3(a)
REFERENCE BUDGET

R

€100K   €200K   €300K

A   B   C

FIG. 3(b)
WORKING BUDGET CASE 1

A
€ 0

B
€200K

C
€50K

A1   A2
€50K   €50K

C1   C2   C3   C4   C5
€50K   €50K   €50K   €50K   €50K
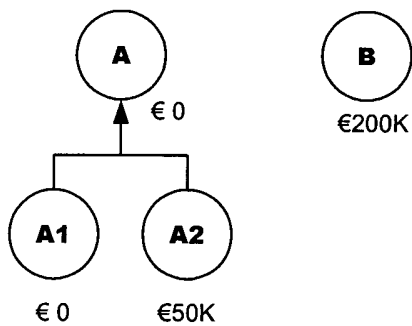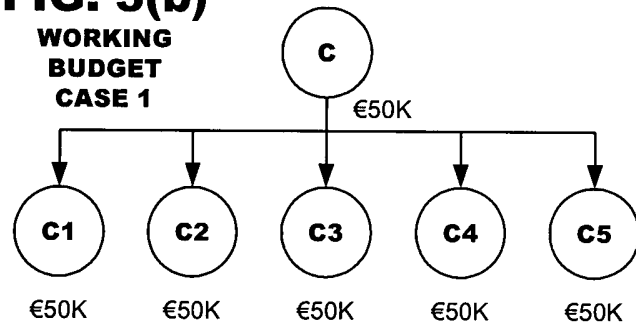
FIG. 3(c)
WORKING BUDGET CASE 2

A
€ 0

B
€200K

C
€50K

A1   A2
€ 0   €50K

C1   C2   C3   C4   C5
€100K   €50K   €50K   €50K   €50K

FIG. 4
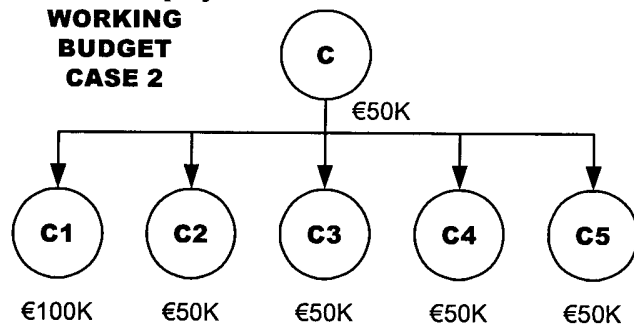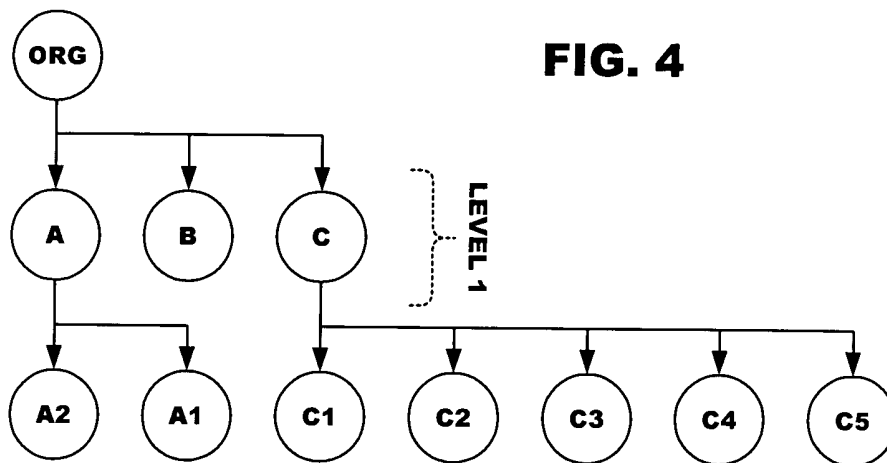
LEVEL 1

	BUDGET ADDRESS 510	TEST 520	RESPONSE 530
A	[A, A1, A2]	WB<1.2*RB WB>0.8*RB	Error
B	[B]	WB<1.2*RB WB>0.8*RB	Warning
C	[C, C1, C2, C3, C4, C5]	WB<1.2*RB WB>0.8*RB	Error

FIG. 5

	ADDRESS POINTER	TEST	RESPONSE
RULE 1	LEVEL 1	WB<1.2*RB WB>0.8*RB	Error

FIG. 6

WHEN NEW BUDGET ITEM
IS ENTERED 710

FROM CHANGED NODES,
IDENTIFY IMPLICATED
RULES 760

RETURN
ERROR

EXECUTE RULE SET 720

RETURN:
WARNING

BLOCK NEW BUDGET ITEM
730

POST WARNING 740

RETURN:
OTHER

FIG. 7
700

POST NEW BUDGET ITEM
750

PROCESSOR
810

MEMORY
SYSTEM
820

COMM.
INTERFACE
830

FIG. 8
800